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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re United States Patent Application of:**

**Applicants:** ARNO, Jose I.

**Application No.:** 10/731,355

**Date Filed:** December 9, 2003

**Title:** **INFRARED THERMOPILE  
DETECTOR SYSTEM FOR  
SEMICONDUCTOR  
PROCESS MONITORING  
AND CONTROL**

**Docket No.:** 2771-567-DIV-CON3

**Conf. No.:** 3545

**Art Unit:** 2812

**Examiner:** Andre C. Stevenson

**Customer No.:**

**25559**

**FACSIMILE TRANSMISSION CERTIFICATE**

**ATTN: Examiner Andre C. Stevenson**

**Fax No. (571) 273-8300**

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**12 Pages**

**Number of Pages (including cover)**

*Ajay S. Pathak*  
**Ajay S. Pathak**

*4/14/06*

**April 14, 2006**

**Date**

**AMENDMENT AND RESPONSE TO FEBRUARY 21, 2006 FINAL OFFICE ACTION IN  
U.S. PATENT APPLICATION NO. 10/731,355**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the February 21, 2006 Final Office Action, please consider and enter this Amendment and Response into the file of the above-identified application.

04/17/2006 MBINAS 00000038 10731355

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Please amend the claims of the application as set out in the following **Section I (Amendments to the Claims and Listing of Claims)** beginning at page 3.

Remarks addressing the substance of the February 21, 2006 Final Office Action are set out in the **Section II (Remarks)** beginning at page 5 hereof.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**

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